

# Appendix G

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Construction Dust Monitoring

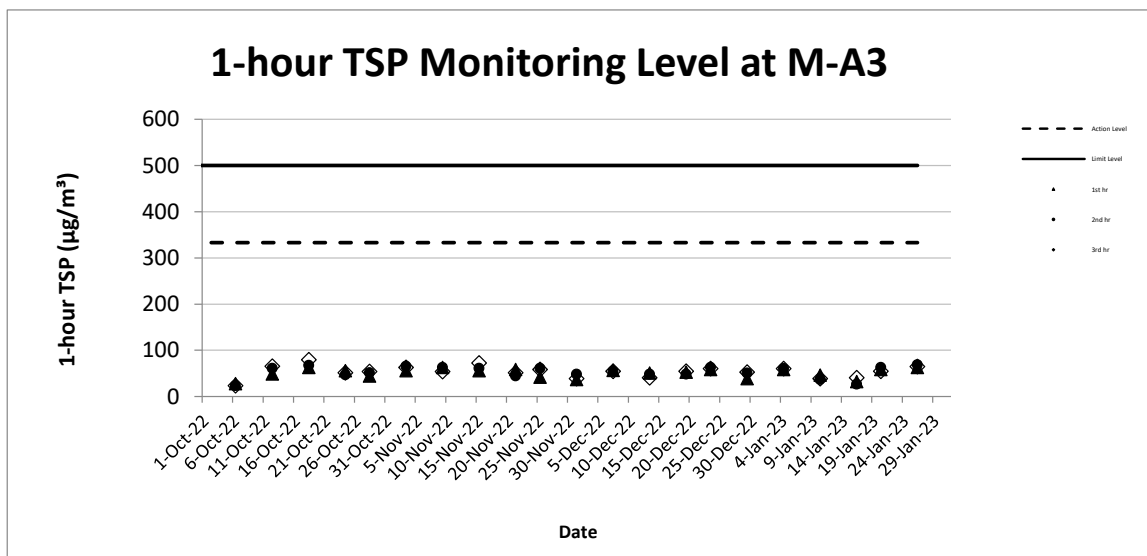
Results and Meteorological

Observations

# 1-hour TSP Monitoring Result for Contract No. HY/2018/08 Central Kowloon Route – Central Tunnel

## M-A3 - SKH Tsoi Kung Po Secondary School

1-hour TSP ( $\mu\text{g}/\text{m}^3$ )								
Date	Start Time	1st hr	2nd hr	3rd hr	Average	Action Level	Limit Level	Weather
4-Jan-23	12:40	58	60	60	60	333	500	Fine
10-Jan-23	12:54	46	36	38	40			Fine
16-Jan-23	8:37	32	26	40	33			Fine
20-Jan-23	8:51	58	62	54	58			Fine
26-Jan-23	8:43	62	68	64	65			Fine
<b>Average</b>		51						
<b>Max</b>		68						
<b>Min</b>		26						



## 24-hour TSP Monitoring Result for Contract No. HY/2018/08 Central Kowloon Route – Central Tunnel

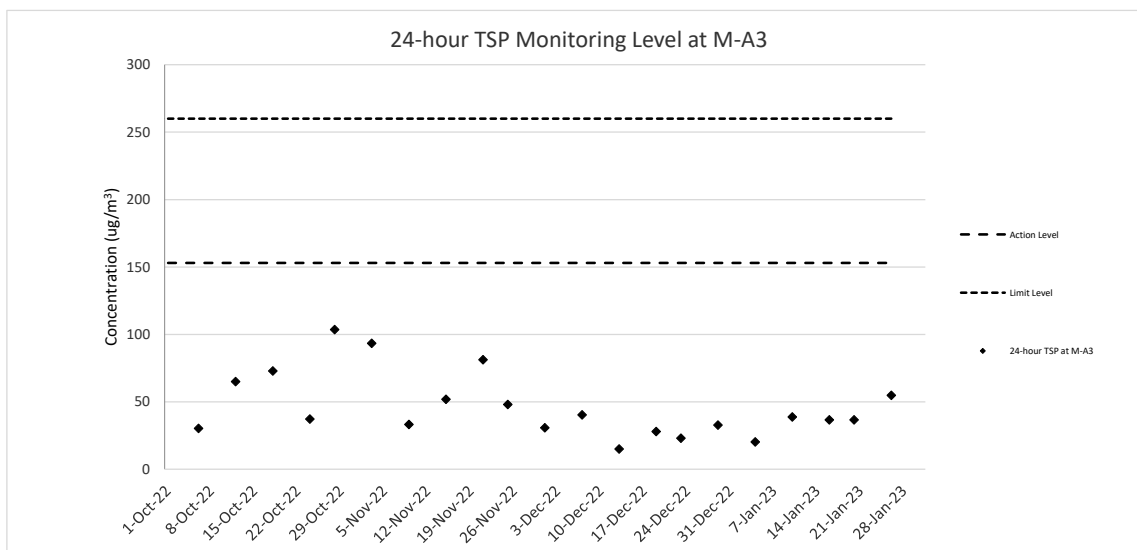
### M-A3 - SKH Tsoi Kung Po Secondary School

Start Date	Weather Condition	Air Temperature (K)	Atmospheric Pressure, Pa (mmHg)	Filter Weight (g)		Particulate weight (g)	Sampling Time (hrs)	Flow Rate (m <sup>3</sup> /min.)		Average flow (m <sup>3</sup> /min)	Total volume (m <sup>3</sup> )	Conc. (ug/m <sup>3</sup> )	Action Level (ug/m <sup>3</sup> )	Limit Level (ug/m <sup>3</sup> )
				Initial	Final			Initial	Final					
4-Jan-23	Fine	290.4	767.6	2.7690	2.8056	0.0366	24	1.26	1.26	1.26	1815.6	20	153	260
10-Jan-23	Fine	291.2	764.2	2.7016	2.7685	0.0669	24	1.19	1.21	1.20	1726.3	39		
16-Jan-23	Fine	285.3	766.3	2.7250	2.7884	0.0634	24	1.20	1.21	1.20	1734.4	37		
20-Jan-23	Fine	290.6	766.1	2.7015	2.7646	0.0631	24	1.19	1.21	1.20	1727.9	37		
26-Jan-23	Fine	288.7	764.5	2.6351	2.7298	0.0947	24	1.19	1.21	1.20	1729.5	55		
												Min	20	
												Max	55	
												Average	37	

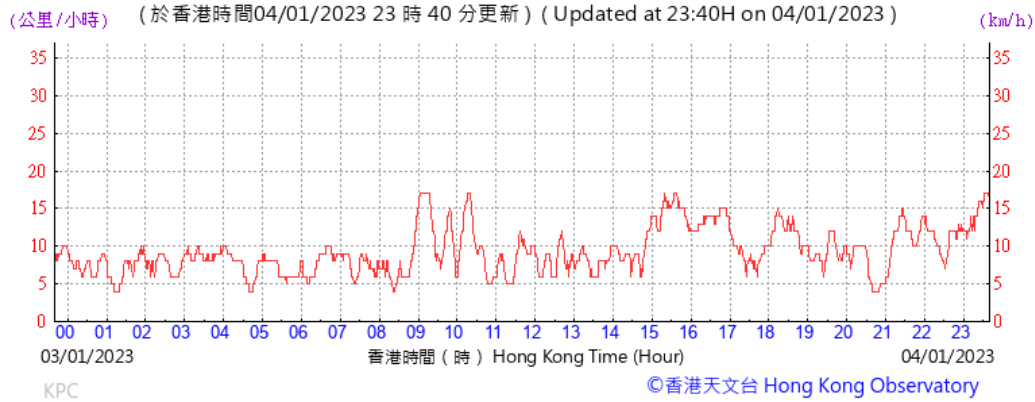
Note:

Underline: Exceedance of Action Level

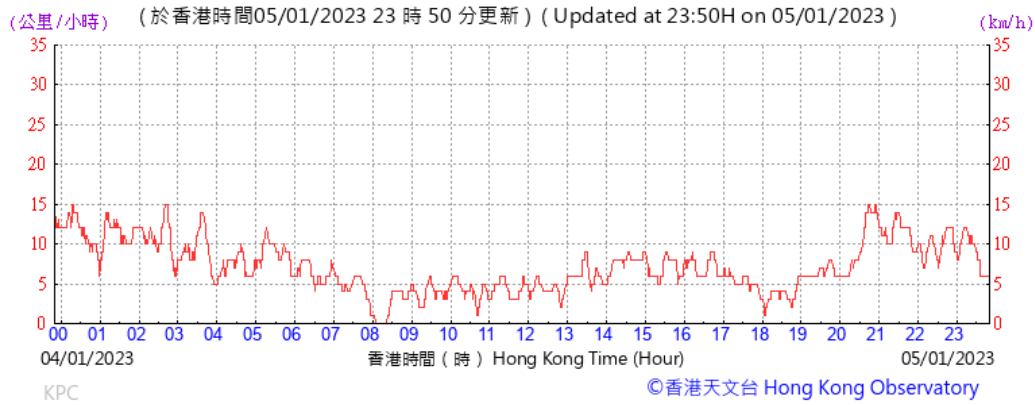
Underline and Bold: Exceedance of Limit Level



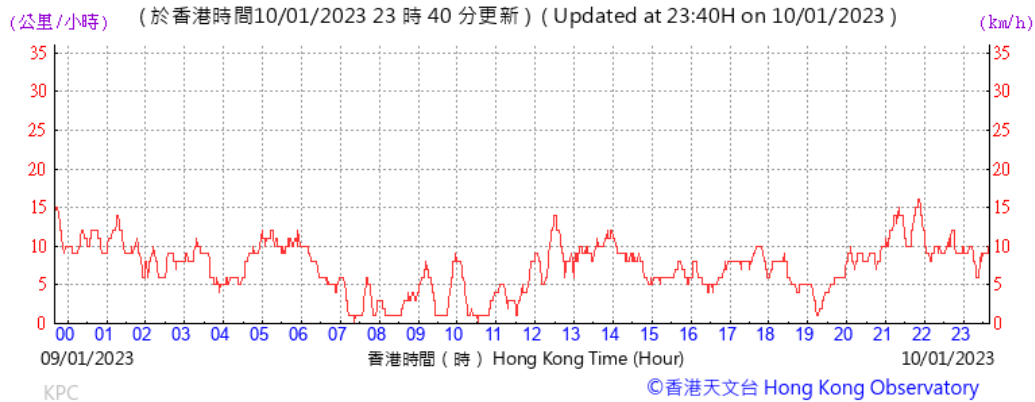
### Wind Speed recorded at King's Park Meteorological Station on 4 January 2023



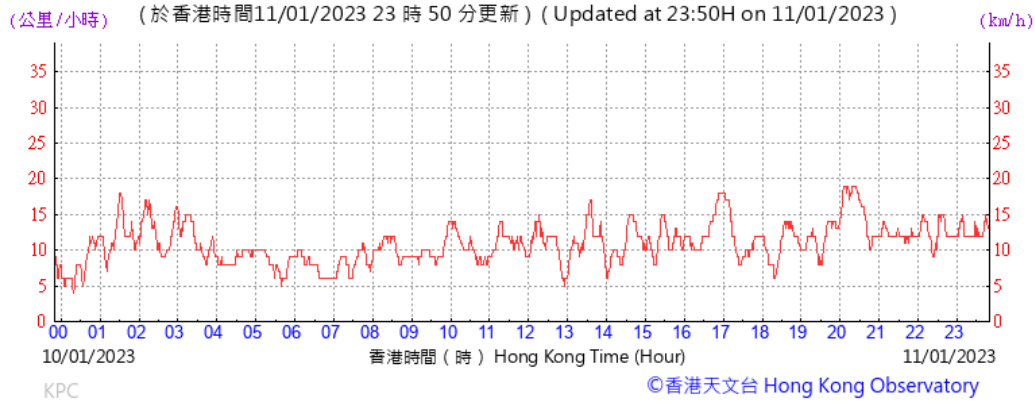
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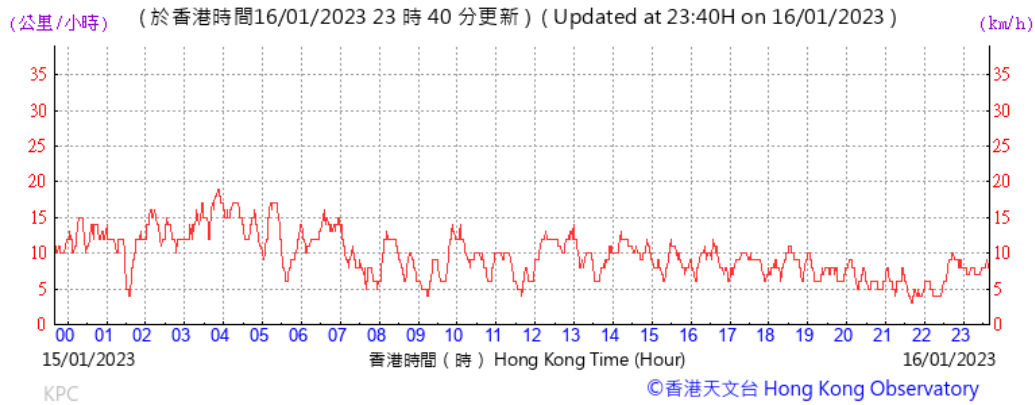
### Wind Speed recorded at King's Park Meteorological Station on 10 January 2023



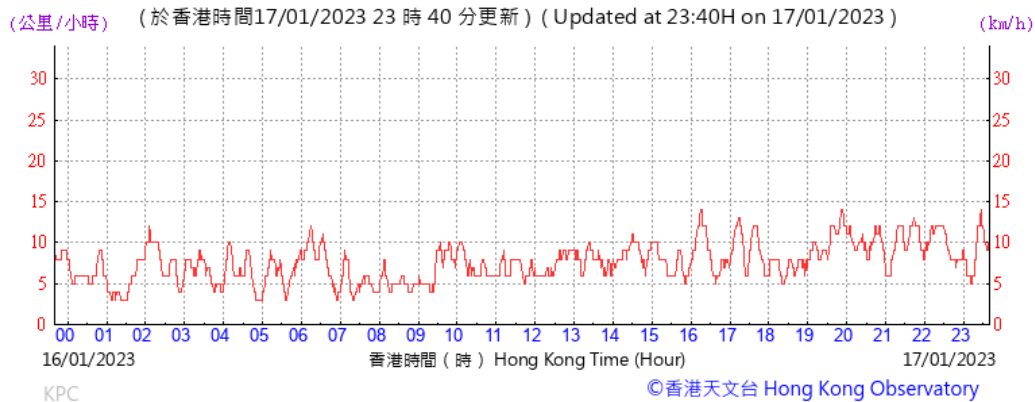
## Wind Speed recorded at King's Park Meteorological Station on 11 January 2023



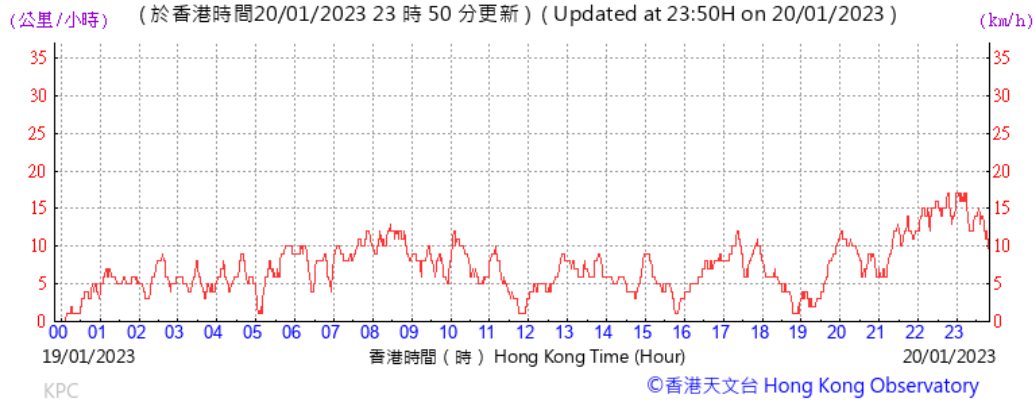
## Wind Speed recorded at King's Park Meteorological Station on 16 January 2023



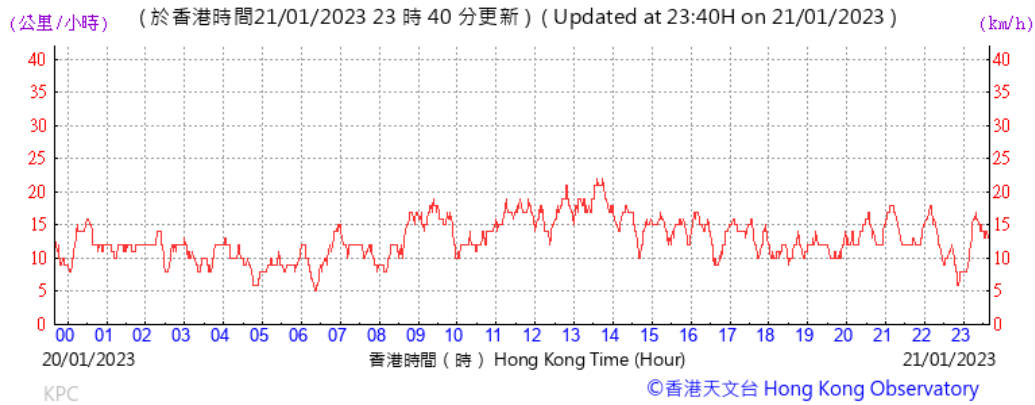
## Wind Speed recorded at King's Park Meteorological Station on 17 January 2023



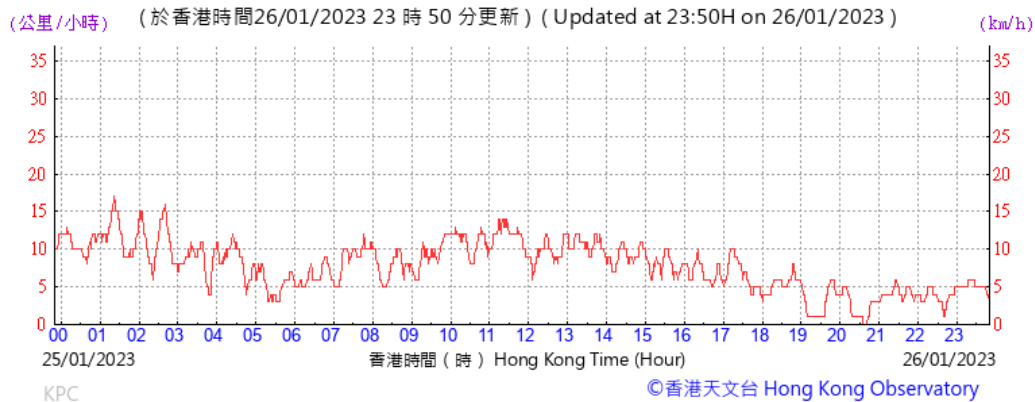
## Wind Speed recorded at King's Park Meteorological Station on 20 January 2023



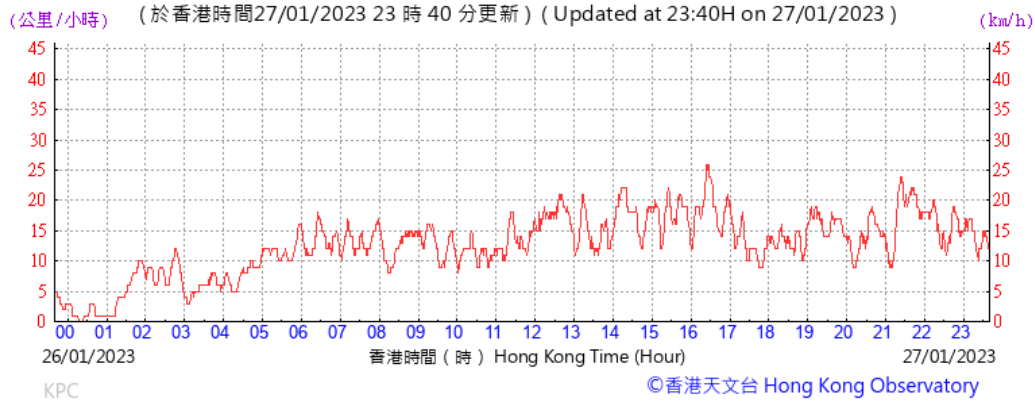
## Wind Speed recorded at King's Park Meteorological Station on 21 January 2023



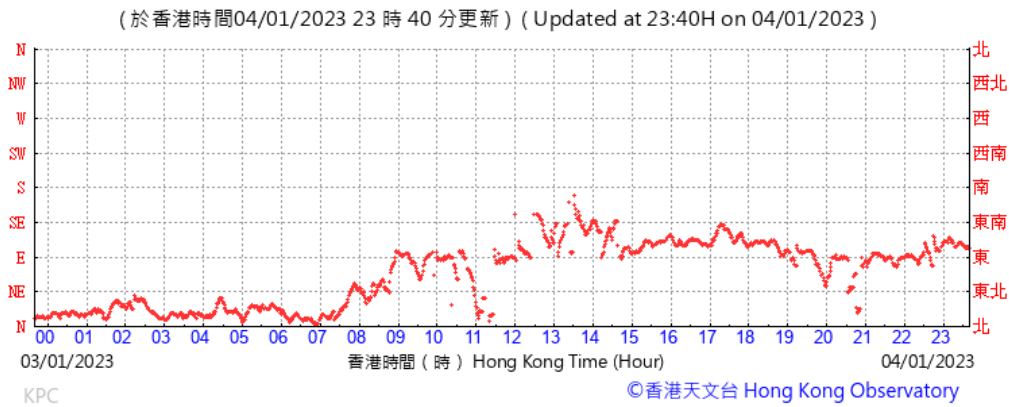
## Wind Speed recorded at King's Park Meteorological Station on 26 January 2023



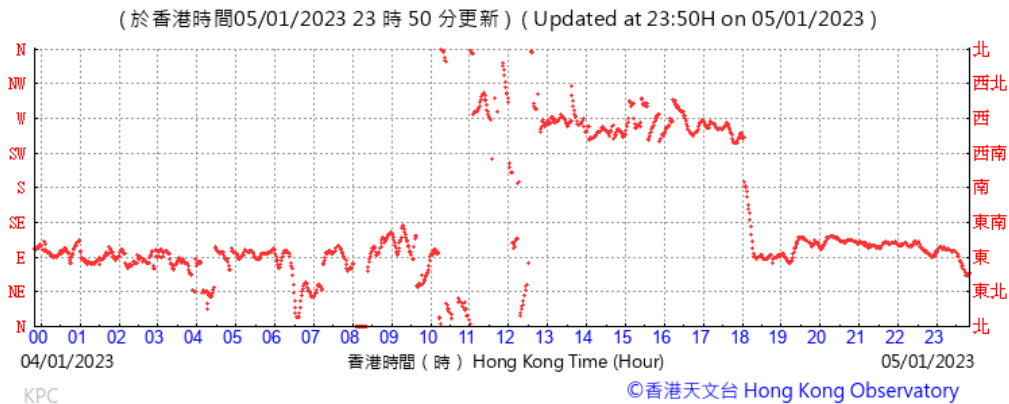
## Wind Speed recorded at King's Park Meteorological Station on 27 January 2023



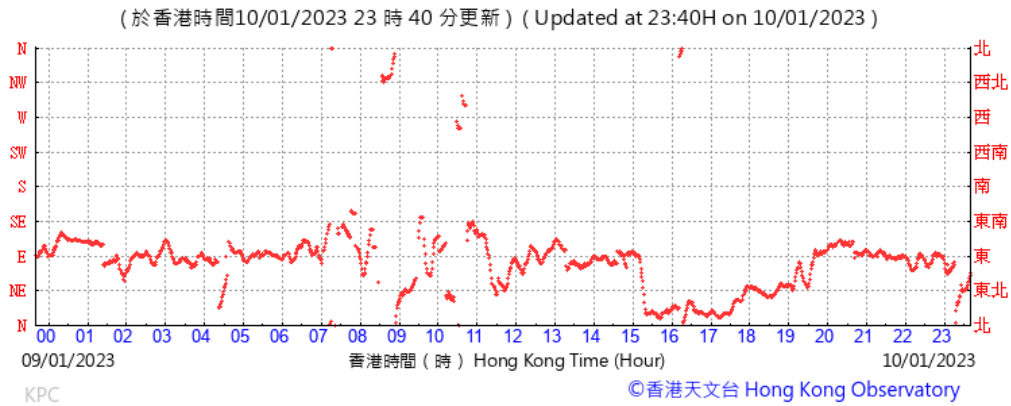
## Wind Direction recorded at King's Park Meteorological Station on 4 January 2023



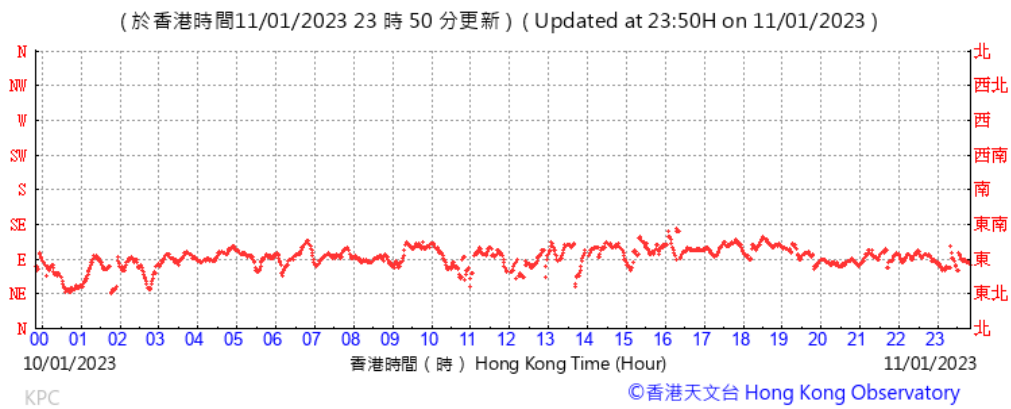
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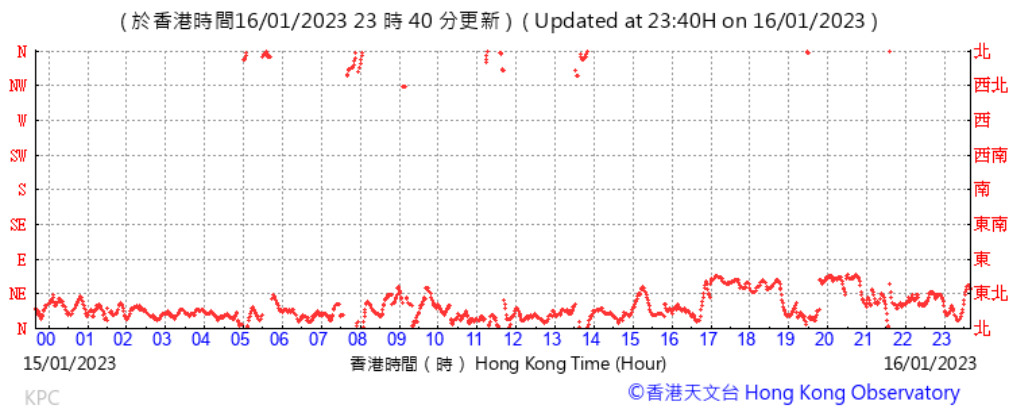
### Wind Direction recorded at King's Park Meteorological Station on 10 January 2023



### Wind Direction recorded at King's Park Meteorological Station on 11 January 2023

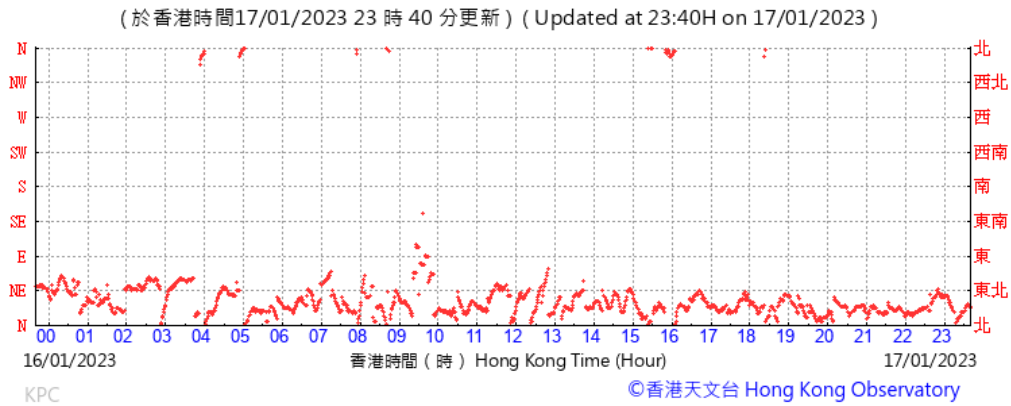


### Wind Direction recorded at King's Park Meteorological Station on 16 January 2023

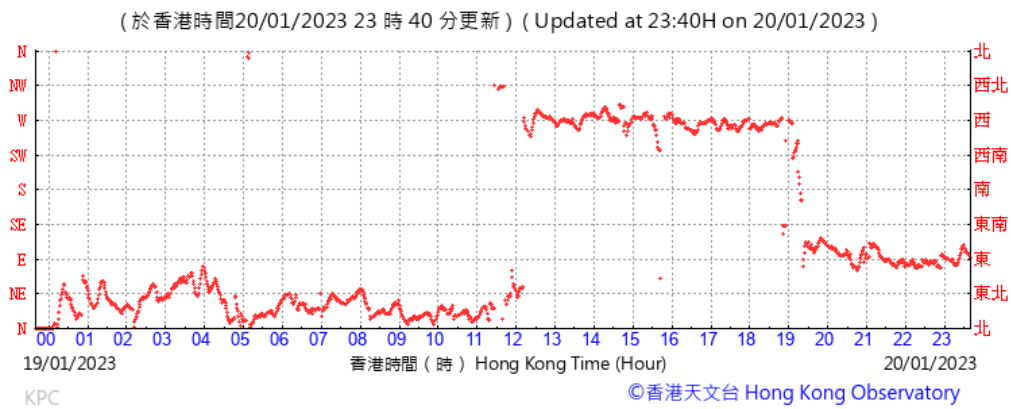




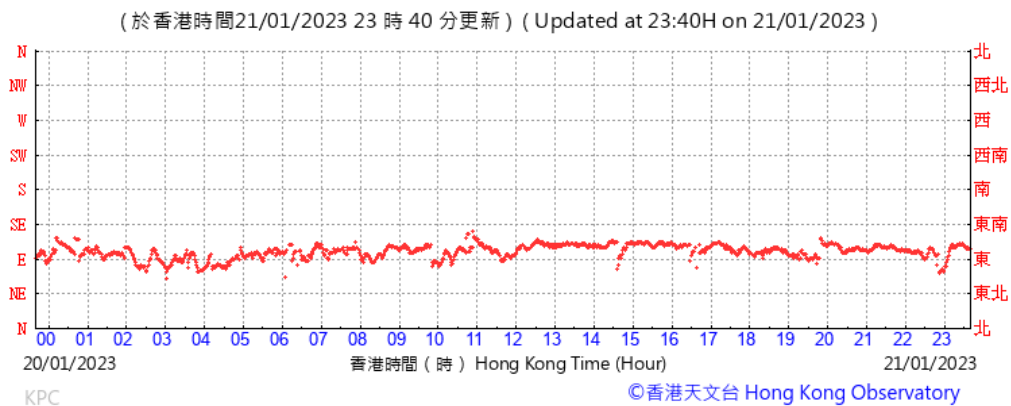
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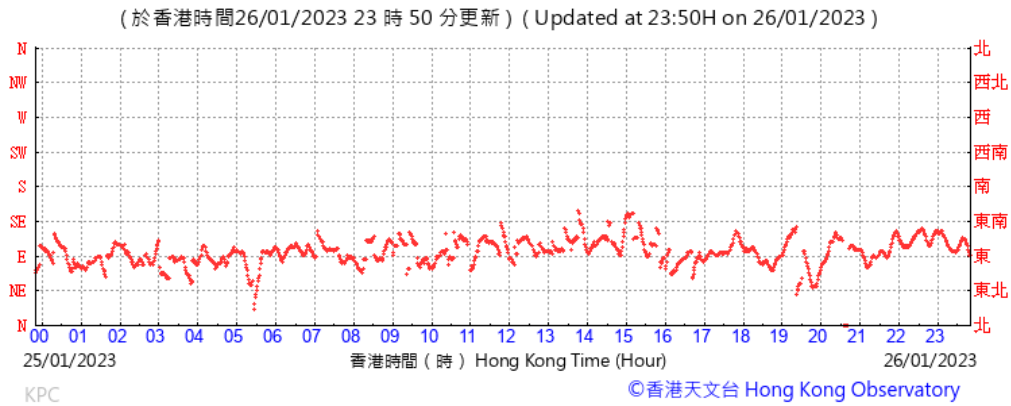
### Wind Direction recorded at King's Park Meteorological Station on 20 January 2023



### Wind Direction recorded at King's Park Meteorological Station on 21 January 2023



## Wind Direction recorded at King's Park Meteorological Station on 26 January 2023



## Wind Direction recorded at King's Park Meteorological Station on 27 January 2023

